

Claims
July 12, 2004

What I claim is:

- 1) A clamping system comprising of:
 - a first beam clamp including a beam and a pair of opposing jaws;
 - a second beam clamp including a beam and pair of opposing jaws;
 - a third beam clamp including a beam and a pair of opposing jaws;
 - a fourth beam clamp including a beam and a pair of opposing jaws,
 - a set of four unattached adaptors designed to nest into the first and second beam opposing jaws,
 - will provide a plurality of clamping functions when the third and fourth beam clamps are place perpendicular to the first and second beam clamps and will facilitate the process of holding frames, drawers or other similar items in square while they are glued or otherwise permanently joined together.
- 2) Adjusting the clamping system requires moving the opposing jaws of the beam clamping devices. Major adjustments are easily made by sliding the jaws along the beam and do not require any turning of screw adaptors.
- 3) The picture frame, drawer or other similar item will be held flat and in square as the Bar Clamp Corner Squaring Fixture supports the assembly with the metal plate that is welded across the bottom of the fixture.